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Ogneupory, No 8, 1949.

NEW IDEAS IN THE STREE INDUSTRY

Tollowing are two abstracts of articles in Stal' as published in Ogneupory.

Archer, L. I., Scrobromnikov, A. A., "The Durability of the Growns of Steel-Helting Furnaces," <u>Btal</u>' No 4, 1949, pp 311-316.

Describes improvement of durability of arc furnace crowns by several structural alterations (raising the crown above the alter of the charging port, introducing "drowned" economizers with a suspension arm, "hot phase" compensation) and also by strict observance of the correct technological and electrical melting regimen.

Cheranykh, M. S., Kaftan, S. I., "Determination of the Gas Tightness of Coking Chambers," <u>Btal</u>' Ho 4, 1949, pp 297-299.

Discusses possibilities of checking the tightness of the lining of coking chambers by determining the losses of coke oven gas into the heating system by analysis of the air in the flues.

Mote: It appears that Stel' is still being published although recent issues have not been received, and the above-newth-was laste is not available in CIA,

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